Reasons for transmission losses

* 167. SHRI ALADI ARUNA alias V. ARUNACHALAM; Will the Minister of ENERGY. be pleased to state:

(a) what are the reasons for the in crease in the transmission and distribu tion losses of power, and

(by what are the measures taken by Government, to reduce these josses?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE ' MINISTRY OF\ENERGY (SHRIMATI SUSHILA ROHATGD; (a) The high transmission and distribution losses" jn the country are primarily on account of the following factors: —

(i) The investments m the sub-transmission and distribution systems have not been commensurate with the increase in generating capacity on account of fund constraints.

(ii) Low power factor operation of the grid networks due to inadequate re: active compensation.

(iii>) Increase in rural Electrification which has led to setting up of long distribution lines and which have pw load densities.

(iv) Theft $_0$f energy.

(b) The state Electricity Board$_s$ have been advised t© identify elements res ponsible for excessive losses and to pre pare schemes for strengthening of trans mission and distribution systems, re-lo cation of substations closer *to* the load centres and reduction of lengths of sub transmission and distribution lines. Im provement of power factor has been sug gested by installation of capacitors.

The Electricity Boards have set up vigilance squads to conduct surprise raids to detect theft of energy. The Indian Electricity Act, 1910 has been amended to make the theft of energy a cognizable offence. Government have also decided to introduce an incentive scheme for reduction Of fosses.

Import of capital goods

. SHRI S. S. AHLUWALIA: Will the Minister of INDUSTRY be pleas ed to state:

Ca) the quantum of capital goods$_9$ that were allowed 'to be imported for moder-• nisation of industries in our country during the last three years, year-wise;

(b) whether before permitting such imports Government secure any undertaking to the effect that a part of the industrial produce will have to be exported;, and

(c) if'so, the iamount of foreign exchange earned thereby during the above period year-wise?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) Under the Scheme of Technical Development Fund (TDF) which primarily aimed at assisting existing industrial units in their modernisation efforts, following approvals have, been granted for import of capital goodg during the last three years:

Year	*Value Rs. in crores)*
1984-85	32. 78
1985-86	27. 92
1986-87	35. 22
	Total " 96. 92

(b) and (c) Export obligation is not usually stipulated in cases for import of capital goods under-the scheme of TDF. However, in selected cases where there is a potential for export of the item of manufacture, suitable export obligations are stipulated. During the last three years, out of a total of 424 proposals approved

©Previously Starred. Question 88, transferred from the 21st April, 1987.